## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	78	SGSN and GGSN and MBMS and tunnel and (Gtp Gn)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2010/05/11 17:02
S1	3	("20050007969"   "20050151840"   "7149195").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/12 13:55
S2	1	("5276425").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 14:12
<b>S</b> 3	1	("6529498").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 14:14
S4	1	("6563794").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 14:16
S5	1	("5793767").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 14:26
S6	102	MBMS adj context	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/12 15:20
S7	6429	455/445.ccls. 455/450. ccls. 455/453.ccls. 455/3.03.ccls. 455/3.04.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/12 15:46
<b>S</b> 8	162	S7 and number adj (path\$ connection\$)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/12 15:47
S9	0	"10511106"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/12 20:36
S10	1	10/511106	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/12 20:36

S11	1	("6680953").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 20:53
S12	1	("6792273").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 21:04
S13	1	("7054902").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 21:18
S14	1	("6748434").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/12 21:54
S15	359	mbms resource allocation	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/12 22:08
S16	975	provision\$3 MBMS	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 11:54
S17	177	S16 and GGSn	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 11:55
S18	11912	provision\$3 Multicast	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 11:59
S19	7289	S18 and wireless	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 11:59
S20	1483	S19 and provisioning	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 11:59
S21	4816	(provision\$3 Multicast) not provisional	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 12:04
S22	1374	S21 and provisioning	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 12:04
S23	44	S22 and backhaul	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 12:04

S24	0	(switch* 3 node information connection).clm.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 12:34
S25	0	(switch* 3 node information connections).clm.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 12:35
S26	425	370/395.31.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 14:52
S27	410	S26 and (total or number)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 14:53
S28	0	S26 and (total adj connection)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 15:21
S29	1	MBMS and (total adj connection)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 15:21
S30	7	GGSN and (total adj connection)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 15:21
<b>S</b> 31	2	GRPS and (total adj connection)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 15:25
S32	26	GPRS and (total adj connection)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 15:25
S33	725	GGSN and "DNS"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 16:49
S34	3	GGSN queri\$3 HLR	US-PGPUB; USPAT; USOCR; EPO	NEAR	ON	2009/03/13 18:13
S35	0	GGSN queri\$3 DNS	US-PGPUB; USPAT; USOCR; EPO	NEAR	ON	2009/03/13 18:23

S36	5	SGSN queri\$3 DNS	US-PGPUB; USPAT; USOCR; EPO	NEAR	ON	2009/03/13 18:23
<b>S37</b>	212	(number adj (user terminal mobile)) and query adj HLR	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 18:27
S38	59	S37 and provisioning	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 18:37
S39	1	(total adj number adj (user terminal mobile)) and query adj HLR	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 18:48
S40	51	(total adj number) and query adj HLR	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 18:48
S41	143	map3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 18:50
S42	3	map3 and ggsn	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 18:51
S43	6360	"DNS query" GGSN	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 18:59
S44	161	"DNS query" GGSN	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 18:59
S45	0	"SGSN bypass"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 19:08
S46	0	SGSN adj bypass	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/13 19:08
S47	0	query adj tmgi	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/14 20:54

S48	0	query near tmgi	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/14 20:54
S49	60158	number adj user	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/14 21:10
S50	285	S49 and mbms	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/14 21:11
S51	1	bearer near context near activation	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/14 21:21
S52	98	bearer near context	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/14 21:21
S53	71	multicast adj identification	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/14 21:32
S54	9	SGSN adj failure	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/15 05:47
S55	0	GGSN near (request or quer\$3) near DNS	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/15 05:55
S56	57	GGSN same (request or quer\$3) near DNS	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/15 05:55
S57	10	"1071296"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/03/15 07:21
S58	1	("7289462").PN.	USPAT; USOCR; EPO	OR	OFF	2009/03/15 07:23
S59	1	"20030156541"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/09 09:12

S60	1	"20030012217"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/09 09:25
S61	1	("6937566").PN.	USPAT; USOCR; EPO	OR	OFF	2009/11/09 10:47
S62	1	"20060285601"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/09 15:06
S63	355	GTP adj tunnels	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 14:42
S64	15	number near3 S63	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 14:42
S65	18	request near3 S63	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 14:47
S66	97	establish\$3 near3 S63	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 14:49
S67	88	S66 not S65	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 14:49
S68	82	S67 not S64	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 14:49
S69	35	Multicast and (number adj RNC)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 15:16
S70	446	MBMS SGSN GGSN	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/11/10 15:19
S71	38	S70 and (GTP adj tunnel)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/11/10 15:20

S72	0	multicast and (number near2 (connection bearer tunnel link channel))	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2009/11/10 20:54
S73	7536	multicast and (number near2 (connection bearer tunnel link channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 20:54
S74	823	S73 and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 20:54
S75	106	S74 and ggsn	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 20:54
S76	51809	number adj channel	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 21:02
S77	1708	S76 and multicast	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 21:03
S78	59	S77 and bsc	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/10 21:04
S79	1	("7020084").PN.	USPAT; USOCR; EPO	OR	OFF	2009/11/11 01:26
S80	1	("5950136").PN.	USPAT; USOCR; EPO	OR	OFF	2009/11/11 14:03
S81	1	("6072790").PN.	USPAT; USOCR; EPO	OR	OFF	2009/11/11 14:08
S82	70	channel adj borrowing	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/12 23:00
S83	360	channel near2 borrow \$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/11/12 23:01

S84	38	S83 and MSC	US-PGPUB; C USPAT; USOCR; EPO	DR ON	2009/11/12 23:01
S85	1	("5682416").PN.	USPAT; C USOCR; EPO	OFF OFF	2009/11/12 23:14

## **EAST Search History (Interference)**

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## 5/11/2010 5:02:48 PM

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